

**A REQUEST FOR PROPOSAL
FOR
PERSONAL SERVICES CONTRACT**

Department of Highways
Professional Services Procurement Bulletin 2012-02
Henderson / KY 136 / 2-1069.00
Hopkins / KY 502 / 2-1070.00
Ohio / US 62 / 2-1071.00

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

- A. County – Henderson
Route – KY 136
Item No – 2-1069.00
Project Description – Replace bridge and approaches on KY 136 over East Fork Canoe Creek Ditch 0.6 Mile south of KY 520.

- B. County – Hopkins
Route – KY 502
Item No – 2-1070.00
Project Description – Replace bridge and approaches on KY 502 over Clear Creek 1.58 miles south of John Lansden Road.

- C. County – Ohio
Route – US 62
Item No – 2-1071.00
Project Description – Replace bridge on US 62 over Muddy Creek 0.4 miles west of Junction KY 1543.

II. PROJECT INFORMATION

Project Manager – John Rudd, PE
User Division – Division of Highway Design

- A. Approximate Fee – \$75,000.00
Project Funding – (BRZ)
Project Length – 0.15 miles

- B. Approximate Fee – \$100,000.00
Project Funding – (BRZ)
Project Length – 0.15 miles

- C. Approximate Fee – \$100,000.00
Project Funding – (BRO)
Project Length – 0.15 miles

III. P URPOSE AND NEED

- A. The purpose of this bridge replacement is to replace a 73 year old, single span (26.9 feet total length) Concrete Tee Beam Bridge (051B00024N) in order to provide a safe, reliable roadway. The existing bridge on KY 136, mp 24.611, has a sufficiency rating of 23.20. The beams have numerous cracks and there is lots of exposed steel. The bridge replacement will improve safety and the substandard condition of the bridge.
- B. The purpose of this bridge replacement is to replace a 52 year old, 5-span (160.1 feet total length) Pre-stressed Concrete Box Beam Bridge (054B00125N) in order to provide a safe, reliable roadway. The existing bridge on KY 502, mp 3.246, has a sufficiency rating of 17.00 and a 3 ton posting. The concrete caps are cracking and spalling exposing rusty and corroding reinforcing steel. All of the timber piles are decaying to some degree. The bridge replacement will improve safety and the substandard condition of the bridge.
- C. The purpose of this bridge replacement is to replace a 82 year old, 3-span (117.13 feet total length) Concrete Tee Beam Bridge (092B00034N) in order to provide a safe reliable roadway. The existing bridge on US 62, mp 12.314, has a sufficiency rating of 49.30. The beams are cracking and spalling exposing rusty and corroding reinforcing steel. The asphalt overlay is cracking and deteriorating. The bridge replacement will improve safety and the substandard condition of the bridge.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected Consultant will provide engineering services to perform Phase I and Phase II Roadway Design, including drainage design, right-of-way plans, construction plans, traffic control plans, cost estimates, and advanced situation folders for structural design.

VI. SPECIAL INSTRUCTIONS

One (1) consultant will be selected to provide services for all three (3) projects A, B and C.

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

- A. [Study Henderson 2-1069 Bridge Inspection Report](#)
- B. [Study Hopkins 2-1070 Bridge Inspection Report](#)
- C. [Study Ohio 2-1071 Bridge Inspection Report](#)

VIII. METHOD OF DESIGN

The selected Consultant shall develop highway plans utilizing the most recent CADD Standards for Highway Plans Policy.

IX. PHOTOGRAMMETRIC SERVICES

Photogrammetry is not required. The Consultant will be responsible for conventional survey.

X. ENVIRONMENTAL

The Department will provide any necessary Environmental Services. A CE Level 1 is anticipated.

XI. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XII. STRUCTURE DESIGN

The Selected Consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The Structure Design will be performed by the Cabinet.

XIII. TRAFFIC

Traffic projections and related information will be provided by the Department.

XIV. PREQUALIFICATION REQUIREMENTS

To respond to this project, the consultant project team must be prequalified in the following areas by the date of this advertisement.

ROADWAY DESIGN

- Rural Roadway Design < \$300,000
- Surveying

XV. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE • September 7, 2011 4:30 p.m. E.S.T. (Frankfort time)

FIRST SELECTION COMMITTEE • September 13, 2011

SECOND SELECTION COMMITTEE • September 26, 2011

PRE-DESIGN CONFERENCE • October 10, 2011

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • October 24, 2011

CONTRACT NEGOTIATIONS • November 7, 2011

NOTICE TO PROCEED • January 1, 2012

XVI. PROJECT SCHEDULE

The following schedule applies to Henderson 2-1069.00; Hopkins 2-1070; and Ohio 2-1071.00

PRELIMINARY LINE AND GRADE • August 1, 2012

FINAL JOINT INSPECTION • January 15, 2013

RIGHT-OF-WAY/UTILITY PLANS • March 1, 2013

FINAL PLANS • December 15, 2013

XVII. EVALUATION FACTORS

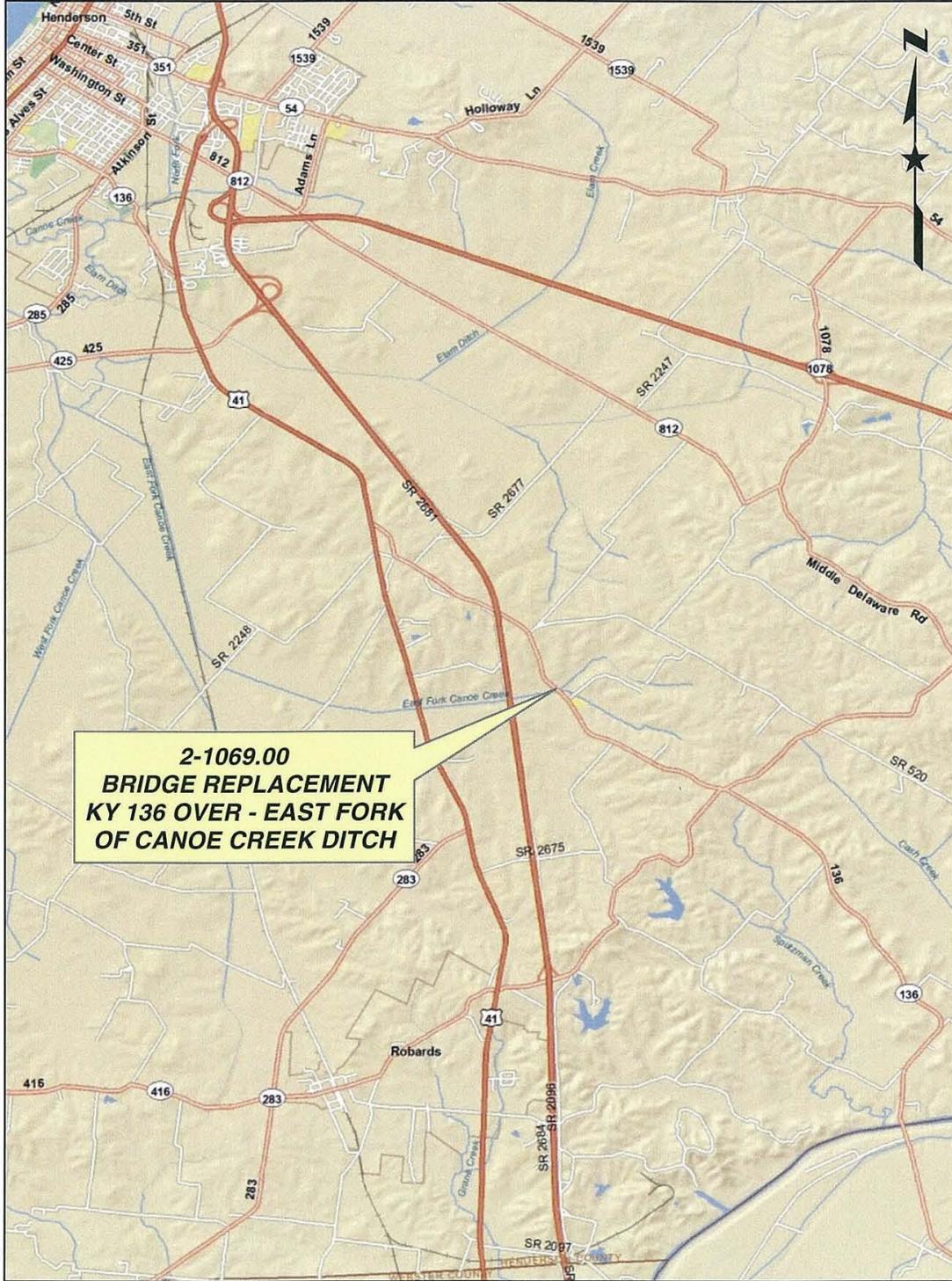
1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or federal, local or other state governmental agencies. (10 points)
2. Capacity to comply with project schedule. (10 points)
3. Past record of performance on project of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 points)
5. Consultant's offices where work is to be performed. (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

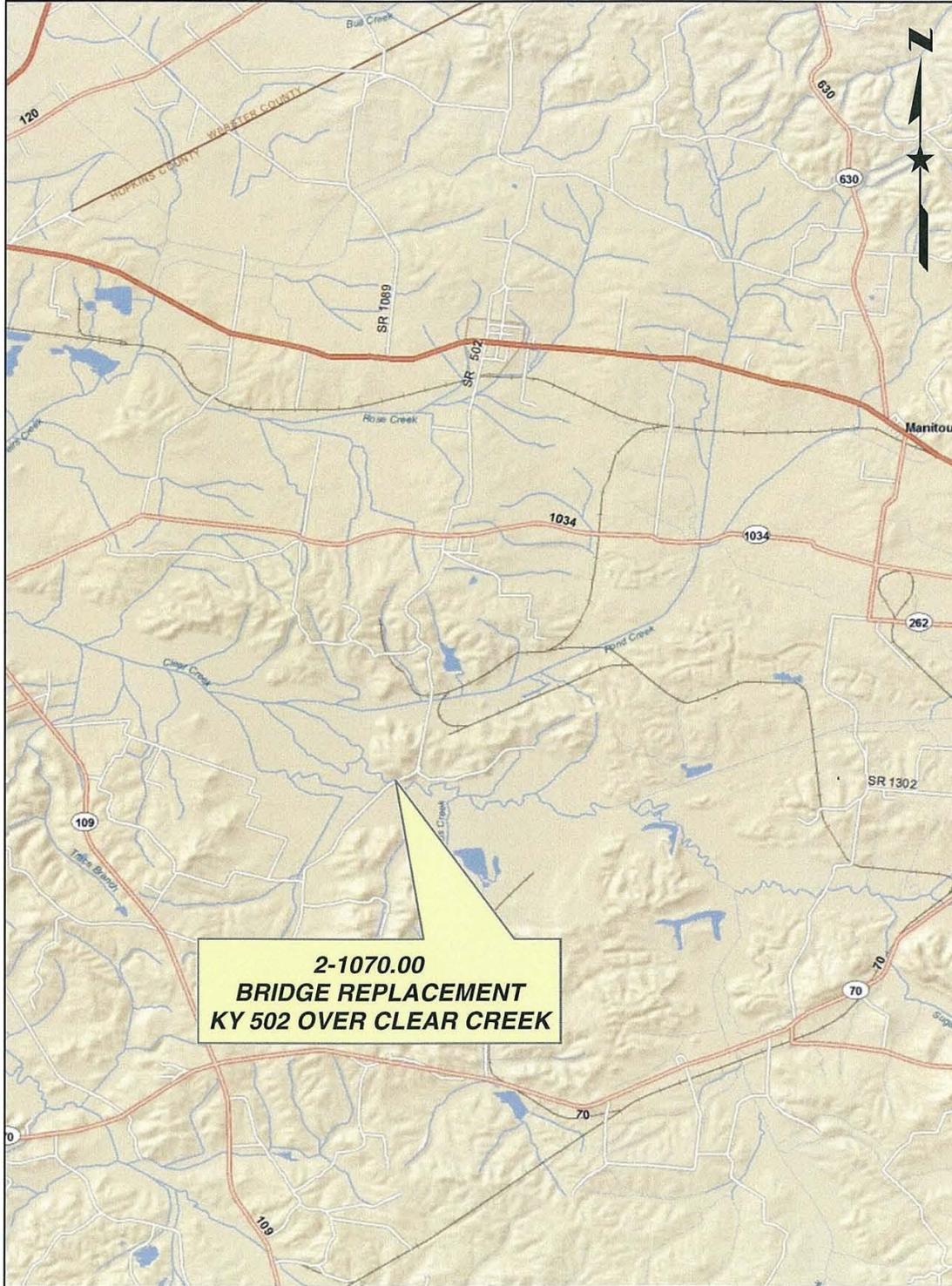
XVIII. SELECTION COMMITTEE MEMBERS

1. John Rudd, PE, User Division
2. David Martin, PE, User Division
3. Joe Plunk, PE, Secretary's Pool
4. Brian Meade, PE, Secretary's Pool
5. Buddy Smith, PE, Governor's Pool

BRIDGE REPLACEMENT KY 136 OVER EAST FORK OF CANOE CREEK DITCH Henderson County Item No. 2-1069.00



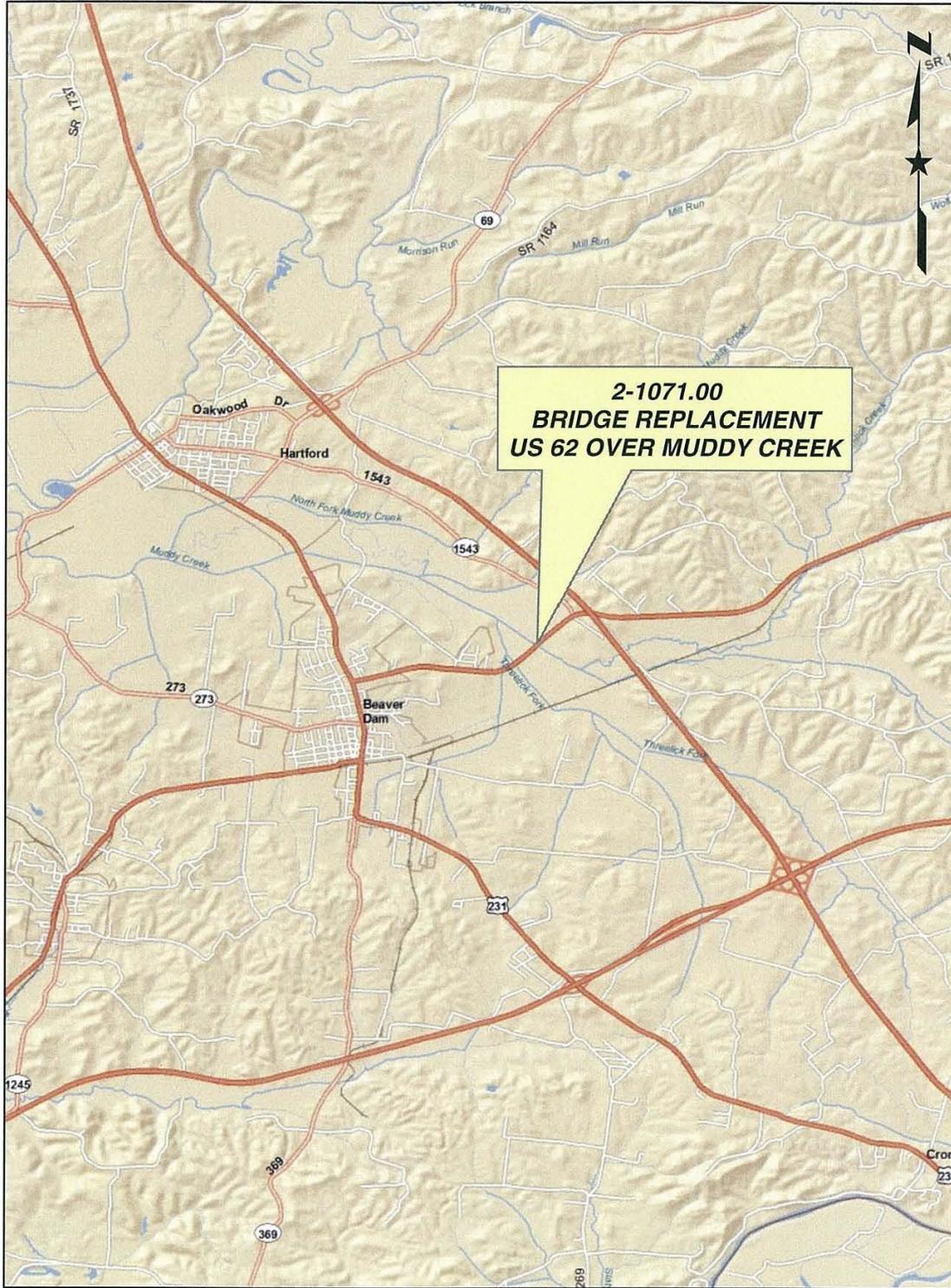
**BRIDGE REPLACEMENT
KY 502 OVER CLEAR CREEK
Hopkins County Item No. 2-1070.00**



0 4,150 8,300 16,600 24,900 33,200 Feet

369.00
Hopkins / KY 502 / 2-1070.00
Ohio / US 62 / 2-1071.00

BRIDGE REPLACEMENT US 62 OVER MUDDY CREEK Ohio County Item No. 2-1071.00



0 4,150 8,300 16,600 24,900 33,200 Feet

Hopkins / KY 502 / 2-1070.00
Ohio / US 62 / 2-1071.00